EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|-------------------------------|--------------------|---------------------|---------|------------------|
| L1 | 1194 | (guard adj ring).clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:50 |
| L2 | 126119 | ((separation isolation)).clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:50 |
| L3 | 4634 | (schottky shottky).clm. | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:51 |
| L4 | 123 | 1 and 3 | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:51 |
| L5 | 16 | 2 and 4 | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:51 |
| L6 | 2 | "3541403".PN. | USPAT; USOCR | OR | OFF | 2006/05/11 13:36 |
| L7 | 1 | "3616380".PN. | USPAT; USOCR | OR | OFF | 2006/05/11 13:36 |
| L8 | 1 | "4119446".PN. | USPAT; USOCR | OR | OFF | 2006/05/11 13:36 |
| L9 | 1 | "4134123".PN. | USPAT; USOCR | OR | OFF | 2006/05/11=13:37 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------------|------|--|--|---------------------|---------|------------------|
| L1 | 27 | (257/109,449,471,482,484).CCLS. and @pd>"20060123" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/11 12:35 |
| L2° | 16 | (US-20050040489-\$ or US-20050001235-\$).did. or (US-6462393-\$ or US-6894318-\$ or US-4214256-\$ or US-5154514-\$ or US-5177568-\$ or US-6261932-\$ or US-5059555-\$ or US-5436496-\$ or US-5665993-\$ or US-4803539-\$ or US-5049954-\$ or US-5710447-\$ or US-6809394-\$ or US-4672412-\$ or US-6291282-\$ or US-6744111-\$).did. | US-PGPUB; USPAT | OR . | OFF | 2006/05/11 12:23 |
| L3 | 1 | "711744".ap. | US-PGPUB | OR | OFF | 2006/05/11 12:24 |
| L4 | 2 | (("6,066,884") or ("3,858,231")). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/05/11 12:24 |
| L7 | 12 | (US-6303969-\$ or US-5696025-\$ or US-6580141-\$ or US-6096618-\$ or US-6066884-\$ or US-6121122-\$ or US-6177712-\$ or US-3742317-\$ or US-3891479-\$ or US-20030060031-\$ or JP-63115368-\$). did. | US-PGPUB; USPAT; JPO | OR | OFF | 2006/05/11 12:26 |
| L8 | 5 | "6753561" and @pd>"20060123" | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:26 |
| L9 | 11 | 2 and schottky and (guard adj ring separation isolation) | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:28 |
| L10 | 5 | 2 not 9 | US-PGPUB; USPAT | OR | OFF | 2006/05/11 12:28 |
| L11 | 1387 | (Coolbaugh Eshun Alvin Rassel) and diode | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/11 12:36 |
| L12 | 4 | (Coolbaugh Eshun Alvin Rassel) and schottky and guard adj ring | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2006/05/11 12:36 |

EAST Search History

| | ·- | | | | | |
|------------|------|---|--|----|-----|------------------|
| S76 | 5 | (US-20050040489-\$ US-20030087482-\$ or US-4491860-\$ or JP-2003197924-\$ or US-4478881-\$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2005/09/06 10:47 |
| S77 | 32 | (257/478).CCLS. | US-PGPUB; USPAT | OR | OFF | 2005/09/06 10:42 |
| S78 | 19 | (US-20050040489-\$ or US-20050001235-\$).did. or (US-6462393-\$ or US-6894318-\$ or US-4214256-\$ or US-5154514-\$ or US-5177568-\$ or US-6261932-\$ or US-5059555-\$ or US-5436496-\$ or US-5665993-\$ or US-4595942-\$ or US-4803539-\$ or US-5049954-\$ or US-5710447-\$ or US-6809394-\$ or US-4672412-\$ or US-6291282-\$ or US-6744111-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/09/06 10:42 |
| S79 | 2 | (JP-63115369-\$ or JP-63115368-\$). did. | DERWENT | OR | OFF | 2005/09/06 10:45 |
| S80 | 12 | (US-6303969-\$ or US-5696025-\$ or US-6580141-\$ or US-6096618-\$ or US-6066884-\$ or US-6121122-\$ or US-6177712-\$ or US-3891479-\$ or US-20030060031-\$ or US-63115369-\$ or JP-63115368-\$). did. | US-PGPUB; USPAT; JPO | OR | OFF | 2005/09/06 10:46 |
| S81 | . 14 | S7,9 or S80 | US-PGPUB; USPAT; JPO; DERWENT | OR | ÖFF | 2005/09/06 10:46 |